CALIFORNIA COASTAL COMMISSION

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To: Senator Darrell Steinberg, Senate President Pro Tempore

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From: Peter Douglas, Executive Director

Subject: 2010 Annual Report on Public Education Activities

The California Coastal Act directs the California Coastal Commission to "carry out a public education program that includes outreach efforts to schools, youth organizations, and the general public for the purpose of promoting understanding of, fostering a sense of individual responsibility for, and encouraging public initiatives and participation in programs for, the conservation and wise use of coastal and ocean resources." (Public Resources Code, Section 30012(b)(1)).

Section 30012(3) of the Public Resources Code states that "the Commission shall submit to each house of the legislature an annual report describing the progress it is making in carrying out this section." The purpose of the enclosed report is to fulfill this requirement. The report covers the calendar year 2010.

The California Coastal Commission's Public Education Program



2010 Annual Report

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The California Coastal Commission's Public Education Program

2010 Annual Report

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The California Coastal Commission's Public Education Program 2010

Introduction

The California Coastal Commission is dedicated to protecting, restoring and enhancing California's coastal and marine resources. Acting under State and Federal law, the Commission regulates land development; participates in a land use-planning program with coastal cities, counties, and ports; promotes public access to the shoreline; and carries out a public education program.

Education is an important feature of an effective Coastal Program. In the California Coastal Act, the California Legislature declared "an educated and informed citizenry is essential to the well-being of a participatory democracy and is necessary to protect California's finite natural resources, including the quality of its environment" (Section 30012 (a)). A knowledgeable population who values the coast and ocean is more likely to support environmental protection, and get involved in environmentally-beneficial activities, Individual behaviors, when considered cumulatively, can have a tremendous effect on the coast.

The Coastal Act directs the Coastal Commission to

"carry out a public education program that includes outreach efforts to schools, youth organizations, and the general public for the purpose of promoting understanding of, fostering a sense of individual responsibility for, and encouraging public initiatives and participation in programs for, the conservation and wise use of coastal and ocean resources" (Pub.Res.Code, Section 30012(b)(1)).

The Commission's Public Education Program is dedicated to educating citizens of all ages, ethnicities, and income levels, whether they live along the coast or inland, about the need to preserve and protect our coastal resources. We involve the general public, schools, civic groups, and businesses in educational programs that promote responsible stewardship of California's coast and ocean. We also support educational efforts to equip and inspire future generations to address the difficult environmental challenges of the future. Our approach is through collaboration – we work with a variety of government agencies, non-profit organizations, citizen groups and businesses to achieve common goals. See attachment A for a list of partner organizations.

In addition to running its own educational programs, the Commission provides educational materials, grants, workshops, and technical support to a wide range of organizations and individual educators. We seek to promote ocean literacy, and cultivate public education efforts on marine debris, ocean pollution, habitat restoration, and other marine and coastal topics. The Commission emphasizes "experiential learning" – and provides opportunities for both school

children and the public at large to experience the coast and ocean first hand. In 2010 we involved more than 427,000 people in coastal protection through public education programs and events. The main funding source for our education programs is the Whale Tail License Plate. In addition, corporate contributions support the Coastal Cleanup Day Program through our partner, the California State Parks Foundation.

This report briefly describes the activities of the Commission's Public Education Program for the calendar year 2010.

Coastal Cleanup Day

Following the lead of the state of Oregon, California organized its first Coastal Cleanup Day in 1985. Since then, the idea for the event has spread throughout the nation and internationally. California is now part of the International Coastal Cleanup, organized by Ocean Conservancy (formerly the Center for Marine Conservation), with participation by 45 states and over 100 countries.

In 1993, the Guinness Book of World Records recognized California Coastal Cleanup Day as the world's largest beach cleanup. The event continues to be the Commission's premier event, and 2010 proved to be another record-breaking year. On September 25, 2010, more than 82,500 volunteers turned out for the Commission's 26th Annual Cleanup, a new record for volunteer turnout and representing a 62 percent jump in participation over the past four years. Those volunteers removed 1,226,814 pounds of debris. Additionally, Cleanup volunteers worked in close to 800 sites spread through 53 counties, marking the widest geographic reach in the Cleanup's history. A major part of this growth was seen in the Sierra Nevada region, where a relatively new and continuing partnership with the Sierra Nevada Conservancy helped spread the reach of the Cleanup throughout the watersheds of the 22 counties covered by that Agency. As this partnership on the "Great Sierra River Cleanup" (the SNC's name for California Coastal Cleanup Day) continues, we will undoubtedly see continued growth in volunteer participation throughout the area, helping an entirely new constituency realize their intimate connection to California's coast.

California Coastal Cleanup Day is coordinated by a huge network of volunteers who recruit participants and organize events in their regions. The Coastal Commission recruits the county and regional coordinators, provides publicity materials, cleanup supplies, and statewide organization, and manages the statewide marketing program for the event. The California State Parks Foundation serves as fiscal agent for the event, which is largely funded through corporate contributions.

Event Messages Reach Millions. In addition to educating participants, the event messages reach a large and diverse audience through extensive television, radio, and newspaper coverage. Millions of television viewers are impacted by the image of the thousands of volunteers spending the day cleaning the beaches, and by interviews with event organizers who help drive the pollution prevention message home. This also holds true for newspaper readers and radio listeners. The event was covered in over 300 newspaper articles in over 40 newspapers and magazines. More than 20 radio stations throughout the state ran public service announcements, had on-the-beach coverage, and/or carried live interviews with coordinators. To help assist these promotional efforts, the Commission developed new artwork in 2010 for its event posters. Highlighting the work of Marin County artists Judith Selby Lang and Richard Lang, the posters featured artfully arranged debris items that the Langs have removed from Kehoe Beach in Point Reyes National Seashore over the past 10 years. Coastal Cleanup Day also had a significant presence on social networking sites such as Facebook, MySpace, and YouTube.



Cleaning Coastal Watersheds. In recent years, the Commission has expanded its efforts to recruit participants from inland areas to clean creeks, rivers and lakes. Most of these waterways form part of a coastal watershed. These volunteers help to illustrate one of the event's messages – that we are connected to the coast and ocean by our rivers, streams and storm drains, and that the solution to ocean pollution is in preventing or reducing pollution where it begins, rather than trying to clean it up where it eventually comes to rest. In 2010, approximately 26,604 volunteers cleaned inland rivers and waterways. To date, the Commission has recruited coordinators in 53 of California's 58 counties, an effort greatly assisted by our partnership with the Sierra Nevada Conservancy, as referenced above.

Mini-grants for Coastal Cleanup Day Coordinators. In 2010, through our Coastal Cleanup Day partner the California State Parks Foundation, the Commission awarded grants ranging from \$230 to \$4,000 to 25 of its partner organizations (see Attachment A), to cover event expenses ranging from advertising to trash disposal fees.

Coastal Cleanup Day Survey – Who Are Our Volunteers? In 2010, we conducted a survey, mostly over the internet, of Coastal Cleanup Day volunteers to find out more about them – who they are, how they heard about the event, why they volunteer, and what they come away with. We conducted a similar survey in 2009. Here are a few key findings.

The results give us insight into how best to do outreach. For example, we found that a large percentage of our volunteers come with a group of some sort – with their school, company, scout group, etc., indicating that contacting people through these affiliations is an effective way to recruit volunteers. Two-thirds of our volunteers are female. This finding has implications for targeting our messaging – both to continue to appeal to a female audience and to find ways to appeal to males who are not currently involved. In both years, volunteers reported that participating in the event increased their understanding of the problem of marine debris. In addition, 94% of volunteers said participating in the event inspired them to do more to protect the environment. These findings indicate that the event has educational and inspirational value, and that volunteers are primed for ideas on ways to help the environment all year long. And 80% of respondents want us to keep in touch, which we accomplish through adding them to our newsletter mailing list, which is described below.

COAST4U Quarterly

In 2010, we started a quarterly newsletter. The purpose of the COAST4U Quarterly is to develop and expand our core constituency. We want to keep people up to date on the various happenings in our programs, educate them about the coast and how they can help the environment, and inspire their continuing support and involvement. Ongoing features include "Whale Tail Dollars at Work," a "Destination Quiz," and the "Innovators' Corner." Archived issues can be viewed under "Media Center" on www.coast4u.org.

Adopt-A-Beach Program

The Adopt-A-Beach Program offers groups a way to help take care of a favorite stretch of the coast on a year-round basis. Volunteers pledge to clean their beach three times over the course of one year. School groups can fulfill the obligation with one cleanup. Over the past 20 years, tens of thousands of California schools, civic groups, businesses, scout troops, families and friends have adopted beaches throughout California.

The Commission coordinates 49 local Adopt-a-Beach Managers (see Attachment A for a list of organizations) who run the program locally. Beach Managers meet the group for a safety talk, provide cleanup supplies and educational materials, arrange for trash pickup, and sometimes deliver supplemental educational programs. The Commission provides Beach Managers with promotional materials, garbage and recycling bags, and latex gloves. In addition, the Commission maintains a free video loan library, as well as curricula, posters, and other materials that are available to teachers and others to help teach Adopt-A-Beach groups the importance of keeping our water clean.

In 2008, the Adopt-A-Beach program launched an on-line recognition program to provide some additional exposure for the groups of volunteers adopting our beaches, and some added incentive for prosective adopters. Our website currently lists 190 adopting groups for 2010. The Adopt-A-Beach Advisory Council, created in 2008, continues to meet on a quarterly basis. The Advisory Council, which is made up of some of the more active local Beach Managers, assists the Coastal Commission in expanding and improving the program. In the past three years, the Advisory Council has developed a marine debris data card, Adopt-A-Beach bumper sticker, and shared environmental education activities. These tools will help the program continue to grow and increase awareness about marine debris prevention. This year, with only 27% of Beach Managers reporting, nearly 53,000 volunteers participated in the Adopt-A-Beach program and cleaned up over 43,000 pounds of debris. This represents a very low estimate of debris removed, as many of the volunteer groups did not record the weight of their trash. Last year, the Coastal Commission developed a system to improve our data collection for this program, and these statistics are the results to date. We will continue to encourage Beach Managers and participants to report on the results of their local cleanup efforts, and hope to have more complete results in the future.



Coastweeks

Coastweeks is a national celebration of our coastal resources. As the California coordinator for Coastweeks, the Commission maintains an on-line calendar and publicizes Coastweeks events. For three weeks (kicked off by Coastal Cleanup Day on the third Saturday in September) the public is encouraged to take part in activities that celebrate our coast and water resources, such as volunteer restoration days, beach hikes, ocean festivals, and scientific lectures. In 2010, the calendar included 304 events taking place throughout the state.

Whale Tail License Plate

The Whale Tail License Plate is a mechanism through which the public can contribute funds to protect and conserve California's coast and ocean. Prior to 1998, the Coastal Commission's Public Education Program was supported financially by unpredictable sources, e.g. one-time grants, corporate contributions, in-kind donations, and federal funds. In 1994, in response to the Commission's request for permanent funding for its public education programs, the Legislature passed and the Governor signed SB1411, to establish a special coastal environmental license plate to support the Commission's Adopt-A-Beach Program, Coastal Cleanup Day, and coastal and marine education. After DMV administrative fees are deducted, funds from Whale Tail License Plate sales and renewals go to the California Beach and Coastal Enhancement Account (CBCEA), and the Environmental License Plate Fund (ELPF).

As of December 2010, 194,746 California drivers had purchased the Whale Tail plate, and sales and renewal fees had raised over \$57.4 million for environmental programs - \$17 million to the CBCEA and over \$40 million to the ELPF. Each year, the legislature appropriates funds from the CBCEA to the Coastal Commission to carry out Coastal Cleanup Day, Adopt-A-Beach, and other coastal and marine education programs, including grants to nonprofits and local agencies (see Whale Tail Grants, below). Whale Tail funds remaining in the CBCEA after the Coastal Commission's appropriation can be allocated to the State Coastal Conservancy. In 2004, the legislature amended Vehicle Code Section 5067, to clarify how this allocation works.¹ Funds

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¹ The code was amended, effective August 16, 2004, to state that the money in the CBCEA is to be allocated as follows:

⁽a) "*First*, to the California Coastal Commission for expenditure for the Adopt-A-Beach Program, the Beach Cleanup Day Program, coastal public education programs, and grants to local governments and nonprofit organizations for the costs of operating and maintaining public beaches related to these programs.

⁽b) Second, from funds remaining after the allocation required under subparagraph (A), ** to the State Coastal Conservancy for coastal natural resource restoration and enhancement projects and for other

from Whale Tail Plate sales deposited in the ELPF can be used for a broad range of environmental purposes.²

The Whale Tail Plate is one of the most popular specialty license plates that the DMV offers. Marketing helps spread the word that the plate is available, how to buy it, and what the money will be used for. In 2010, we continued to produce a flyer in conjunction with six other specialty



license plates that is mailed to all California drivers with registration renewal packets. We also marketed the plate through promotions on Facebook and Twitter.

Whale Tail Grants

Whale Tail Grants support programs that teach California's children and the general public to value and take action to improve the health of the state's marine and coastal environments. The program distributes funds from sales of the Whale Tail License Plate and focuses on reaching communities that are poorly served in terms of marine and coastal education. Funding is provided in the following three categories: 1) Adopt-A-Beach programs; 2) Youth programs; 3) Programs for the general public. Applicants must be either a non-profit organization or a government entity.

projects consistent with the provisions of Division 21 (commencing with Section 31000) of the Public Resources Code."

The amendment added the phrases in italics, above, and at the point indicated ** deleted the phrase "Any funds remaining in the CBCEA at the end of a fiscal year shall be allocated by the Controller, after appropriation by the Legislature,"

² A January 2005 report by the Legislative Analysts Office recommended that the Legislature consider specifying conditions on how Whale Tail License Plate funds deposited in the ELPF (that are not part of the CBCEA) are used. The report suggests that using a portion for coastal mitigation related activities would be consistent with the eligible uses of ELPF funds.

The need for Whale Tail Grants continues to far exceed the available funds. In Fiscal Year 2009/2010, for its competitive grants program, the Commission received 111 grant applications for a total of \$2,356,936 and awarded 23 grants totaling \$372,000. Some examples of the projects receiving funding included: community habitat restoration at the Los Cerritos wetlands; sea kayaking trips for disabled and at-risk youth; educational field trips to the Channel Islands and the Monterey Bay Aquarium; and workshops for teachers to help them integrate ocean education into their science curriculum. In addition, the Commission awarded seven targeted grants, which totaled \$332,000. To date, the program has awarded \$6.6 million in grants to various organizations. (See Attachment B – a table showing all grants awarded to date).

Boating Clean and Green Program

The Coastal Commission's Boating Clean and Green Program, which began in 1997, promotes environmentally sound boating through education and by working with marinas and local governments to increase availability of environmental services for boaters. In April 2006, the Department of Boating and Waterways (DBW) assumed a lead role in the Program. DBW and the Commission are now working in partnership to implement the program.

In 2010, the program developed and distributed 8,921 boater kits and conducted 11 statewide Dockwalker volunteer trainings where more than 150 new volunteers were trained to conduct face-to-face boater education about clean and safe boating practices. Volunteer Dockwalkers donated over 700 hours while visiting marinas, boat launch ramps, boat shows, and events. The program also developed new educational materials, including a booklet titled "The Environmental Boating Laws Every Recreational Boater Should Know", and a statewide list of locations where boaters and the general public can properly dispose of expired flares. The Program continued to set up monofilament fishing line recycling stations in areas with the highest recreational fishing activity throughout the state, an effort that was launched in 2008, in partnership with the Boat US Foundation. In 2010, we installed nine new stations for a total of 41. To date, these stations have collected 370 pounds of fishing line.

The Boating Program continued its partnership with the Santa Monica Bay Restoration Foundation (SMBRF) to develop pollution prevention services at marinas in southern California. In 2010, we installed including two oil absorbent exchange centers in Long Beach – at the Alamitos Bay Marina fuel dock and the Shoreline fuel dock. The program also worked on improving the existing City of Los Angeles oil absorbent collection centers at the San Pedro and Wilmington marinas. In addition, staff worked with the SMBRF to produce the "Southern California Boater's Guide", 3rd Edition. This guide offers information about recreational opportunities available within Southern California harbors and features boat safety, maintenance, and environmentally sound boating tips.

In 2010, the Boating Program continued working with the City and County of San Francisco Department of the Environment. This year, the Program distributed 11,000 copies of the San Francisco Bay Area Clean Boating Map at boat shows and boating events. Due to its popularity, a new, updated map will be printed in 2011. This free map features locations of marina-based pollution prevention services.

The Boating Program continued producing the northern California insert of the "Changing Tide" newsletter. The Changing Tide is the quarterly publication of the three chapters of the CCBN (California Clean Boating Network – a forum of members from the boating industry, government agencies, and environmental groups). In 2010, we distributed three issues (11,000 copies each). The newsletter focuses on new trends in clean boating practices and environmental services for boaters. Each issue showcases a different boating destination. The Program also facilitated two meetings each, of two of the three CCBN chapters.

The Boating Program launched two working groups. The California Marine Expired Flares Working Group. Staff is working with the California Department of Toxic Substances Control, CalRecycle and the Coastal Commission's Water Quality Unit on exploring boaters' disposal options for expired flares. Based on research conducted by the Boating Program, only 13 counties' household hazardous waste collection centers collect marine and aerial expired flares. With an estimated 174,026 out-of-date flares generated annually by boaters in California, it is essential to find proper and convenient disposal options for boaters.

The San Francisco Bay Area Marinas and Yacht Clubs Oil Spill Preparedness Working Group is comprised of representatives from OSPR, the Coast Guard, Cal EMA, the Office of Emergency Services, the Port Captains and Harbormasters Association, Marina Recreation Association, the Clean Marinas Program, Pacific Inter-Yacht Club Association, and the San Francisco Bay Conservation and Development Commission. The group will develop and distribute a list of involved agencies and their contact procedures, and identify resources available to marinas and yacht clubs in the event of an oil spill. A long term goal for this group is to plan an oil spill drill for marinas and yacht clubs on the Bay.

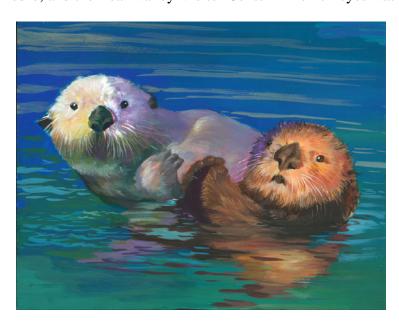
The Boating Program completed its partnership with Contra Costa County to implementing the second phase of its marinas and boating program: the 'Keep the Delta Clean Program'. The second phase of this program included the installation of pollution prevention services at key marinas in the Delta region, in addition to a boater education program. To date, the estimated amounts of hazardous materials collected through the pollution prevention services mentioned above, are: 12,637 - gallons of used oil (not including oil filters and oil absorbents); 7,450 - pounds of used oil filters; 5,225 - pounds of used oil absorbents; 1,527 - pounds of oil absorbent polypropylene fiber recycled; approximately 350 - gallons of used oil reclaimed from used oil absorbents; 395 - additional gallons of used oil reclaimed from used oil filters and 1,852 marine engine batteries collected.



Children's Coastal Art & Poetry Contest

The Coastal Art & Poetry Contest is open annually to California students in kindergarten through 12th grade. The contest invites students to submit poetry or art with a coastal or marine theme. By encouraging youth to reflect on the beauty and spirit of California's beaches and ocean, we hope to inspire a greater sense of stewardship for these natural places.

In 2010, four winners in art and four in poetry were selected in several grade categories, and 26 honorable mentions were identified. The contest received more than 2,400 entries from students from throughout California. Winners and honorable mentions were displayed at the San Mateo County Office of Education, the Ford House Museum in Mendocino, the Cabrillo Marine Aquarium in San Pedro, and the Bear Valley Visitor Center in Point Reyes National Seashore.



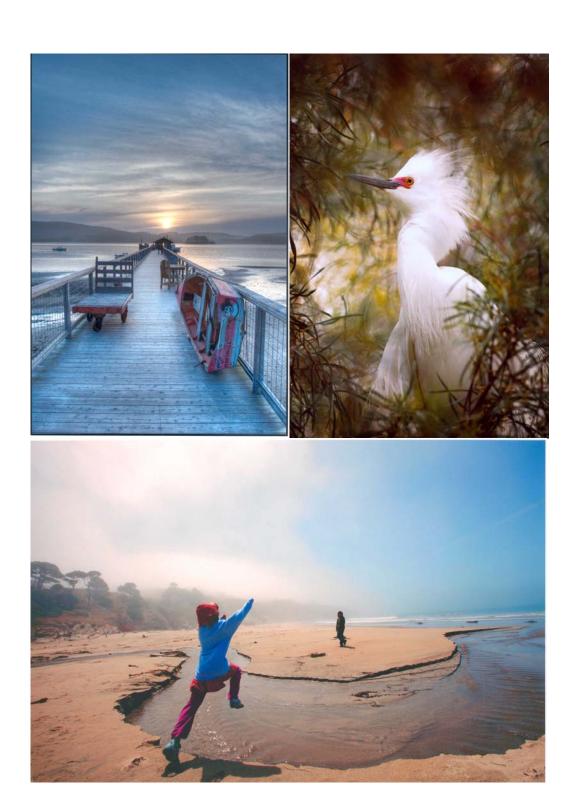
Ocean Day Kids' Cleanup and School Assembly Program

Since 1993, the Coastal Commission has worked with the Malibu Foundation for Environmental Education and other partners to conduct the Ocean Day Kids' Cleanup and School Assembly Program. The assembly shows students the way to cleaner beaches and oceans. By presenting slides and talking about recycling, the dangers of plastic and debris in the world's oceans, litter reduction and the storm drain system, the assembly motivates children to care for the marine environment. The children are then shown a way to help the environment – by doing a beach cleanup. The program focuses on underserved schools, and provides grants to assist the schools with the costs of the beach trip.

In 2010, Kids' Cleanups were held on May 27th, in recognition of World Oceans Day (June 8th). Approximately 7,000 students cleaned six sites: Crown Point Shores in San Diego County (957), Bolsa Chica State Beach in Orange County (764), Dockweiler State Beach in Los Angeles County (4,353), Ocean Beach in San Francisco (537), Municipal Beach in Monterey (220 students from Fresno), and Humboldt Bay (750). After cleaning the beach at each site, the students formed giant images and messages in the sand that were photographed from the air. The theme of this year's messages was "SUSTAIN LIFE" with images of different sea animals. This message was selected to reflect the U.N. Millennium Development Goal on environmental sustainability.

Coastal Commission Photography Contest

In 2010, the Commission once again held its annual amateur coastal photography contest. A panel of judges selected four prize-winning photographs from 780 entries. The winning photographs, along with 14 honorable mentions, are featured on the Coastal Commission's website.



Marine, Coastal and Watershed Resource Directory

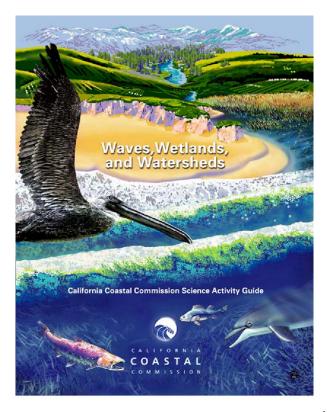
The Marine, Coastal and Watershed Resource Directory has been on-line since December 2001. This free directory contains detailed information on organizations that address the California coast and its watersheds. Included in each entry is the mission statement of the organization;

contact information; a link to the organization's website; and descriptions of educational materials, programs, internships and volunteer opportunities offered. The target audience of the Resource Directory includes formal and informal educators, students and the general public. In addition to being a valuable resource for these audiences, the directory serves as an effective way for the Commission to perform outreach to the participating organizations. The Directory contains approximately 400 organizations.

Waves, Wetlands and Watersheds

In 2010, outreach and distribution continued for *Waves, Wetlands, and Watersheds*, the Commission's science activity guide for California teachers. This guide addresses such issues as marine debris, beach geology, water quality and conservation, endangered species, and wetlands protection. It presents lessons aligned to the California State Science Content Standards for grades three through eight and includes a "community action" chapter with activities that encourage students of all ages to take action to protect our coast. The connection between inland areas and the ocean is emphasized throughout, so the lessons are relevant for students living in all regions of California.

Between February 2003 and December 2010, the Commission distributed more than 10,000 hard copies of *Waves*, *Wetlands*, *and Watersheds* (including 5,000 copies produced by the City of Los Angeles in 2004 for local distribution). The book can also be downloaded from the Commission's website, and Spanish translations of the student handouts are available. In 2010, the Commission held ten *Waves* workshops, directly reaching 192 educators. Since the start of this program, 1,355 educators have participated in Coastal Commission-led workshops.



Community-Based Restoration and Education

The purpose of the Community-Based Restoration and Education Program (CBREP) is to facilitate community-driven coastal habitat restoration in California. The program began in 2001 to restore critical species habitat of the Upper Newport Bay through the work of community volunteers. Working at the Back Bay Science Center on Shellmaker Island, the Upper Newport Bay CBREP has an on-site native plant nursery that provides plants for volunteer restoration efforts. In 2010, volunteers at the native plant nursery propagated over 3,100 native plants.

The Program sponsors a monthly volunteer restoration event, as well as weekly "Steward" gatherings to work in the nursery on plant propagation and other projects. To date, over 15,300 volunteers have removed over 56,000 pounds of invasive vegetation, grown and planted more than 18,800 native plants, and restored 13.3 acres of coastal habitat. The Commission implements the Program in conjunction with the Tides Center, and works closely with the land managers at Upper Newport Bay – the Department of Fish and Game, Orange County, and the City of Newport Beach, as well as with the Newport Bay Naturalists and Friends, a non-profit volunteer group.

This program also works to support other organizations working to involve community members in restoration work. In 2010, we held four workshops – in Palo Alto, Humboldt, and twice in Newport Beach, to promote our guide to community-based habitat restoration programs, called *Digging In*. The guide was published in 2007, and helps organizations develop or improve programs that involve the public in habitat restoration. Related to *Digging In*, we also hosted a workshop where we co-presented our experience developing a native plant nursery. Additional workshops will be held in 2011.

On November 20, 2010, the 1st Annual Newport Bay Symposium was held at the Back Bay Science Center. Coastal Commission staff played a prominent role in the success of the event as chairperson of the planning committee as well as Master of Ceremonies on the day of the event. The Symposium included morning lectures, afternoon field trips, and a poster exhibit featuring research being completed at the Upper Newport Bay. Despite wet and windy weather, 125 people participated in the event.

A research poster sponsored by CBREP was presented to the public as part of the Symposium and showed the results of a two year wildlife survey. Conducted by our program and the Newport Bay Naturalists and Friends, the survey used volunteers to collect data at restoration sites around the bay. By comparing degraded coastal sage scrub habitat with restored and mature coastal sage scrub habitat, a correlation was found between the quality of the habitat and the wildlife that existed there. We can expect this correlation to be significant when measuring the future success of our community-based restoration sites. The results of the wildlife survey also showed that meaningful scientific monitoring can be done by volunteers with appropriate training. We are in the process of planning our future research agenda, to shed additional light on the effectiveness of community-based ecological restoration.

Promoting Coastal Stewardship

The Coastal Stewardship Pledge continued as an ongoing project in 2010, to provide a way for Californians of all ages to commit to protecting our coast and ocean. In order to participate, a member of the public accesses the Coastal Stewardship page on the Commission's website and chooses from a wide-ranging list of suggestions on how to protect the coast. He or she then pledges to follow through and complete the chosen actions, at which time the participant becomes a "Coastal Steward" and is rewarded with a certificate and a Coastal Steward canvas tote bag to help with the "paper or plastic" dilemma. The Public Education Program periodically emails this group with additional stewardship tips and announcements of upcoming programs and events. The Coastal Stewards Partners program engages other coastal and marine organizations to publicize the pledge. A non-internet version of the program is also available, as well as a version specifically for classrooms and youth groups, which includes teacher background information.

The Commission is a regional partner with the Monterey Bay Aquarium in its Seafood Watch Campaign. In 2010 the Commission distributed 43,500 Seafood Watch pocket guides, which are a convenient reference for making sustainable seafood choices. The guide is available in both Spanish and English.



Beach Wheelchairs

The Commission's beach wheelchair program aims to ensure that these chairs, which have wide, balloon tires that are able to move across soft sand, are widely available. To this end, the Commission has awarded a total of \$77,000 to a variety of jurisdictions up and down the coast for the purchase of beach wheelchairs. By our count there are now 89 different California beaches that have chairs, and the Commission has provided funding for nearly 40% of those. The Commission also maintains a webpage that includes a map showing the location of beaches with wheelchairs available for use by the public.

West Coast Governors' Agreement on Ocean Health

In 2006, Governors of Washington, Oregon, and California entered into an agreement to work together on ocean issues of mutual concern, called the West Coast Governors' Agreement on Ocean Health (WCGA). The agreement addresses a number of issues, including marine debris, and ocean awareness and literacy. The implementation of this agreement is to take place through tri-state teams of individuals from different levels of government, NGO's, academia, etc.

working on issues of common concern. Coastal Commission Public Education staff serves as chair of the Marine Debris Action Coordination Team (ACT) for the WCGA, and as co-chair of the Ocean Awareness and Literacy Team.

Marine Debris Action Coordination Team (MDACT)

The MDACT is charged with establishing baseline estimates of marine debris and derelict gear along the West Coast and supporting state and federal policies that achieve marine debris reduction goals. At the beginning of 2010, the Marine Debris Team's work plan was approved by the Governors of the three West Coast states, and the Team began working on the development of a comprehensive West Coast Marine Debris Strategy. The Team has since held a workshop to develop the section of the strategy that will address Derelict Fishing Gear (held in Seattle, WA in March, 2010), and will be holding a second workshop to develop the section of the strategy that will address marine debris originating from land-based sources in San Francisco this February. The Team expects the complete the strategy by Fall, 2011.

Ocean Awareness and Literacy Action Coordination Team (OALACT)

The OALACT is charged with implementing two overarching actions. One addresses improving the ocean literacy of students in K-12 by expanding educational curricula and education content standards. The other main action deals with improving ocean awareness on the part of the general public and decision-makers, and enhancing the effectiveness of self-directed learning institutions and volunteer programs. Following the approval of its workplan by the Governors of the three west coast states in early 2010, the Team began to focus its efforts on improving ocean literacy for K-12 students. To this end, the Team conducted a needs assessment survey of educators in the three states to better define the challenges and opportunities for integrating ocean literacy in K-12 classrooms. The Team was awarded NOAA funds to complete the needs assessment, and plans to hire a contractor do data analysis and conduct interviews.

Marine Debris Policy and Statewide Coordination

Research conducted by the Algalita Marine Research Foundation (AMRF) has demonstrated that plastics are present on beaches and in coastal and in ocean waters in alarming quantities. In a 2000 study, AMRF found that degraded plastic pieces outweigh surface zooplankton in the central North Pacific by a factor of six to one (six pounds of plastic for every pound of zooplankton). In 2002, another AMRF study showed the average mass of plastic was two and a half times that of plankton on the surface of the coastal waters near Long Beach, California. These findings prompted the Coastal Commission to team with AMRF to conduct a project designed to assess and reduce sources of plastic in urban runoff and coastal waters. The project was funded by the State Water Resources Control Board and ended in April 2006.

In 2006, the project completed and distributed its statewide plan: "Eliminating Land-based Discharges of Marine Debris in California: A Plan of Action from the Plastic Debris Project." The Plan of Action resulted in the formation of an Anti-Litter Task Force at the state level, and a resolution on the prevention of marine debris, passed by the California Ocean Protection Council in February, 2007. The resolution, based largely on a prioritization of the Plan of Action's

recommendations, called for the formation of a Steering Committee to develop an implementation plan for the various actions contained within the Resolution. Coastal Commission staff was assigned to serve as Chair of the Steering Committee. In 2008, the Steering Committee completed the Implementation Strategy, which was approved by the Ocean Protection Council in November 2008. Since this time, at least 12 different bills have been introduced to the State Legislature that are based on the recommendations of the Implementation Strategy. The Steering Committee has not met since mid-2010 due to OPC budget difficulties, but the Committee continues to communicate by email to enact the strategy, exchange information, and collaborate on programs where possible.

Partnerships and Coordination

Partnerships are essential to the work that we do. They enable us to leverage our resources and expand the impact of our programs. Some of our partnerships are mentioned in the descriptions of the various programs above; all are listed in **Appendix A**. In addition, we coordinate with other agencies conducting environmental education programs by participating in the California Environmental Education Interagency Network (CEEIN). CEEIN is a state government consortium of environmental educators representing departments, boards and commissions of the California Department of Education, California Environmental Protection Agency, and the Resources Agency of California. We also serve on the board of Keep California Beautiful. Outreach

The Public Education Program uses a variety of techniques to conduct outreach for its programs. Some methods are specific to the programs, and are discussed above. We maintain mailing lists of interested parties and organizations, which help us to spread the word about our programs. We send out our quarterly newsletter, the COAST4U Quarterly to over 6,000 people on our general email contact list. We also rely on press releases and media contacts to help us inform the public about opportunities for involvement.

Another important outreach technique is the www.coastforyou.org website, which describes our programs and how to get involved. Finally, we attend a number of environmental fairs and events throughout the year, where we staff a booth. In 2010, we attended 14 fairs, which put us in contact with 5,000 people.

Coastal Commission Public Education Program Partner Organizations

Note: If you are aware of an omission or correction, please contact us.

Coastal Cleanup Day

Current Local Coordinators:

CalTrans Adopt-A-Highway Program

California State Parks (Statewide, Monterey

and Merced counties)

Sierra Nevada Conservancy

City of Berkeley City of Fremont

Port of Oakland Estuary

City of Oakland

Shorebird Nature Center (Alameda)

City of Pleasanton

East Bay Regional Park District

City of Antioch City of Concord

Friends of Marsh Creek The Watershed Project

Del Norte Unified School District Clean Tahoe Program (El Dorado)

San Joaquin River Parkway & Conservation

Trust, Inc.

Northcoast Environmental Center (Humboldt)

South Yuba River Citizens League (Nevada)

Sierra Nevada Adventure Co. (Alpine) Literacy for Environmental Justice (San

Francisco)

Golden Gate National Parks Conservancy

Putah Creek Council Yolo County Public Works

San Joaquin County Public Works Save Our Shores (Santa Cruz)

San Diego Coastkeeper Central Modoc River Center

Mendocino Land Trust

San Diegans for the Salton Sea

Friends of the Inyo

Environmental Health Institute (Kings)

Coastwalk

Heal the Bay (Los Angeles County)

El Dorado Nature Center (Long Beach)

Bay Model Visitor Center (Marin County)

Solano County RCD Shasta Roots & Shoots League to Save Lake Tahoe

Orange Cty, Dpt. of Community Resources

Trails 4 All

American River Parkway Foundation

I Love A Clean San Diego

Santa Barbara County, Dept. of Public Works Creek Connection Action Group (Santa Clara)

City of Milpitas

U.S. Orleans Ranger District (Siskiyou)

Butte Environmental Council

Yuba County Dept. of Environmental Health Ventura County Coalition for Coastal & Inland

Waterways

Millerton Lake State Rec. Area (Fresno)

Big Bear Marina (San Bernardino)

San Mateo Environmental Health Department

ECOSLO

American River Conservancy Calaveras Big Trees Association

Rivertree Volunteers, Inc. **Bridgeport Elementary School** Benicia Water Education Program

Napa County RCD

Contra Costa County Board of Supervisors Yosemite Climbing Association (Mariposa)

East Bay Municipal Utility District Restore Our Sea (Imperial)

UC Merced

City of Redding

Other Coastal Cleanup Day Partners:

California State Parks Foundation

Channel Islands National Marine Sanctuary

Gulf of the Farallones National Marine

Sanctuary

Keep California Beautiful Axion Design Whole Foods Market Oracle

Crystal Geyser Spring Water See's Candies Waste Management Nature's Path

Natracare Fairmont Hotels & Resorts

KPMG KFOG Radio

California State Parks Foundation CBS San Francisco

Whale Tail License Plate

Department of Motor Vehicles

California Automobile Association

3M Corporation

State Coastal Conservancy

Ocean Conservancy

Marine Mammal Center

Cordell Banks National Marine Sanctuary

Monterey Bay National Marine Sanctuary

Adopt-A-Beach

California State Parks La Conchita Community Organization

Channel Islands Beach Community Service (Ventura)

District Marin County Parks and Open Space

City of Berkeley Shorebird Park Nature Center Mavericks Surf Ventures (San Mateo)

City of Huntington Beach National Park Service

City of Long Beach El Dorado Nature Center Northcoast Environmental Center (Humboldt

City of San Leandro and Del Norte)
City of San Mateo Oosurf.com (Orange)
City of Santa Barbara, Creeks Division Pacifica Beach Coalition

City of Ventura, Partners in Progress for a Rancho Guadalupe Dunes Preserve

Beautiful Ventura

Clean Water Now! Coalition (Orange) Santa Cruz County Parks

Coastwalk (Sonoma) Save Our Beach (Orange)

County of San Mateo Parks Save Our Shores and Clean Beaches Coalition

East Bay Regional Park District (Santa Cruz and Monterey)
Heal the Bay (Los Angeles) Sonoma County Regional Parks
I Love A Clean San Diego Surfrider Foundation (San Francisco)

Vandenberg Air Force Base Ventura County Parks

Santa Barbara County Parks Department

Boating Clean and Green Campaign

CA Department of Boating and Waterways

CA Integrated Waste Management Board

Contra Costa County Public Works

Santa Monica Bay Restoration Foundation

SF Bay Conservation and Development

Commission

Northern CA Marine Association

Southern CA Marine Association

Pacific States Oil Spill Prevention Education

Team

Marine Recreation Association

Pacific Inter Yacht Club Association

San Joaquin County Department of Public

Works

The US Power Squadrons

The State Water Resources Control Board

The Boat US Foundation

SF Estuary Project

The US Coast Guard Marine Safety Offices

The US Coast Guard Auxiliary

Recreational Boaters of California

CA Port Captains and Harbormasters

Association

CA Department of Fish and Game - OSPR

Monterey Bay National Marine Sanctuary

Marinas and harbors (approximately 20)

Seabird Colony Protection Program (National

Marine Sanctuaries-Gulf of the Farallones)

Kids'Adopt-A-Beach School Assemblies and Ocean Day Cleanup

Malibu Foundation

I Love A Clean San Diego

Richardson Bay Audubon Center & Sanctuary

Orange County Coastkeeper

Fresno Chaffee Zoo Friends of the Dunes

International Humanities Center

Restoration Education

The Tides Center

Orange County Parks

City of Newport Beach

Newport Bay Naturalists & Friends

O.C.Coastkeeper

U.C. Irvine

Society for Conservation Biology, Orange

County Chapter

California Department of Fish and Game

U.C.C.E. Master Gardeners Program

Bolsa Chica Conservancy

Bolsa Chica Land Trust

Orange Coast River Park

Coastal Stewardship

Monterey Bay Aquarium Heal the Bay

Back to Natives Restoration Shorebird Nature Center
Benicia Water Education I Love A Clean San Diego

City of San Mateo San Joaquin County Public Works

Coastwalk Santa Cruz County Parks

El Dorado Nature Center Ventura County Resource Conservation District

Marine Debris Policy and Statewide Coordination

Caifornia Ocean Protection Council State Water Board

California Integrated Waste Management State Coastal Conservancy

Board California Department of Environmental

Department of Conservation Protection

Department of Toxic Substances Control Caltrans

California State Parks Keep California Beautiful

West Coast Governors' Agreement on Ocean Health Marine Debris Action Coordination Team

Oregon Dep't of Fish & Wildlife Monterey Bay National Marine Sanctuary
Washington Dep't of Natural Pacific States Marine Fisheries Commission

Resources Northwest Straits Commission

NOAA Marine Debris ProgramSea Grant ExtensionNOAA Coastal Services CenterStillaguamish Tribe

Surfrider Foundation Sea Doc Society / UC Davis

Port of Seattle Oregon Fishermen's Cable Commission

Heal the Bay

California Ocean Protection Council

West Coast Governors' Agreement on Ocean Health Ocean Awareness and Literacy Action Coordination Team

Oregon Sea Grant Oregon State Department of Education
Washington Sea Grant California Environmental Protection Agency

National Park Service COMPASS

COSEE West - Center for Ocean Sciences Oregon Coast Aquarium

Education Excellence Lawrence Hall of Science, U.C. Berkeley

Washington State Dept. of Education NOAA Cordell Bank National Marine Sanctuary

NOAA Olympic Coast NMS

Attachment B

Grants Approved to Date From Sales of Whale Tail License Plate

Fiscal Year	Targeted Grants	Competitive Grants:	Competitive Grants:
Tioodi Todi		Whale Tail Grants for Coastal Education	Adopt-A-Beach Grants
1998/1999			
\$130,000 Total	California State Parks Foundation for Coastal Cleanup Day mini-grant program \$11,500 Malibu Foundation and I Love a Clean San Diego	Cal. State Parks and Recreation Ventura Junior Lifeguards for the Channel Islands Coastal Experience Camp for "At Risk" Youth \$6,238	_
Funds avail. for targeted grants: \$87,000 Funds avail. for competitive grants: \$43,000	for Adopt-A-Beach School Assembly Program and Earth Day Kids' Cleanup Program in LA, SF and San Diego \$28,000 Foundation of CA State Monterey Bay for start-up funds for S.E.A. Lab, Monterey Bay \$25,000 Los Angeles County to purchase nine beach wheelchairs \$22,500	Slide Ranch for the Kid's Ecology Learning Project (KELP), Muir Beach, Marin County \$10,000 Palisades Charter High School for its Marine Education and Advocacy Program, Los Angeles \$2,417 Surfrider Foundation, Santa Cruz Chapter for its Education Outreach Expansion Program \$4,345	Adopt-A-Beach Outreach and Enrollment in Humboldt County \$6,650 Heal the Bay for its Adopt-A-Beach
Requests received: 88 totaling \$578,414			

Fiscal Year	Targeted Grants	Competitive Grants: Whale Tail Grants for Coastal Education	Competitive Grants: Adopt-A-Beach Grants
1999/2000			
\$130,000 Total Funds avail. for targeted grants: \$84,500	Foundation of California State Monterey Bay for S.E.A. Lab, Monterey Bay \$45,000 California State Parks Foundation for Coastal Cleanup Day mini-grant program \$11,500 Adopt-A-Beach School Assembly Program and Earth Day Kids' Cleanup Program \$28,000	Ventura Junior Lifeguards for the Channel Islands Coastal Experience Camp \$9,993 Chaffee Zoological Gardens, Fresno for the Wild Connections Lab, Oceans Component \$7,230 San Mateo Office of Outdoor Education for Ocean Odyssey \$7,842	Department of Parks and Recreation, San Onofre State Beach \$5,840 Heal the Bay, Los Angeles \$8,627
Funds avail. for competitive grants: \$45,500		Solana Recyclers, Encinitas for the Student Environmental Action and Leadership Program \$5,968	
Requests received: 55 totaling \$374,115			

Fiscal Year	Targeted Grants	Competitive Grants
2000/2001	Foundation of CA State University Monterey Bay for S.E.A. Lab, Monterey Bay \$60,000	Calif. State Parks, Gaviota Sector for the Adopt-A-School Program and Educator's Workshop \$9,890
\$359,000 Total	Adopt-A-Beach School Assembly Program and Earth Day Kids' Cleanup Program \$40,000	O'Neill Sea Odyssey, Santa Cruz, for Project Discovery \$10,000 Orange County CoastKeeper for the Marine Ecosystem Education Program \$7,000
Funds avail. for targeted	New School Curriculum Project \$50,000 Restoration Education Program in Newport	Farallones Marine Sanctuary Association, San Francisco for the Sanctuary Explorers Camp \$8,495
grants: \$187,000	Bay \$15,000 California Dept. of Forestry and Fire Protection for	Mayo Elementary School, Compton for community environmental awareness andocean conservation education\$5,655
Funds avail. for	updating the Environmental Education Compendium for Natural Communities \$10,000	Sunnyside High School, Fresno for beach and ocean education \$6,220 Calif. State Parks, Doheny State Beach Lifeguards for the Youth Awareness
competitive grants:	Monterey Bay Sanctuary Foundation for Citizen Watershed Monitoring Network \$10,000	Program \$25,200 Glendale Public Library for "A Whale of a Tale" \$9,300
\$172,000 Requests	California Environmental Education Interagency Network for the Environmentality Project \$2,000	Upper Sacramento River Exchange , Dunsmuir for a "Headwaters to Sea" public exhibit \$9,000
received:		Chula Vista Nature Center for interpretive elements at bay/wetland exhibit \$6,000
122 totaling \$2,582,569		University of Southern California Sea Grant Program for the Parent Child Education Program \$21,870
		Guadalupe-Nipomo Dunes Center for youth and seniors exchanging cultural and natural history \$13,380
		Creative Environmental Conservation for Return of the Natives at Moss Landing Dunes State Beach \$10,000
		Heal the Bay for its Adopt-A-Beach Program in Los Angeles County \$15,000
		Northcoast Environmental Center for the Marine Debris Education Project in Humboldt County \$4,990
		OceanSongFarmandWildernessCenter,SonomaCountyforwatershededucation field trips\$10,000

Fiscal Year	Targeted Grants	Competitive Grants
2001/2002 \$359,000 Total	Foundation of CA State University Monterey Bay for S.E.A. Lab, Monterey Bay \$60,000 Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$54,000	Discovery Museum for exhibits at the Eureka City Boardwalk Mattole Restoration Council for the Ecological Education Program in rural Humboldt County Northcoast Environmental Center for the Marine Debris Education Project in
Funds avail. for targeted grants:	CreativeEnvironmentalConservationforReturn of the Natives at Moss Landing DunesState Beach\$10,000	Humboldt County \$2,520 Ocean Song Farm and Wilderness Center, Sonoma County for watershed education field trips \$10,000
\$150,500 Funds avail.	California Dept. of Forestry and Fire Protection for updating the Environmental Education	Estuary Action Challenge for Bay-Coast Action Projects in urban schools in the San Francisco East Bay \$20,000
for competitive	Compendium for Natural Communities \$10,000	New Perspectives - East Palo Alto for a watershed project featuring field trips and lessons \$10,000
grants: \$208,500	California Environmental Education Interagency Network for the Environmentality Project \$2,000	Literacy for Environmental Justice for salt marsh education and restoration at Heron's Head Park in Bayview-Hunters Point, San Francisco \$20,000 Morro Bay National Estuary Program for education programs at the visitor center
Requests received:	Crystal Cove Interpretive Assn. for tidepooling education video \$6,500	and schools in the Central Valley \$4,820 Peoples' Self-Help Housing Corporation for coastal field trips for youth living in
122 totaling \$2,347,530	"Save Our Seas" curriculum update \$8,000	permanent rental housing developments \$10,000
4 _,0,000		University of Southern California Sea Grant Program for the Parent Child Education Program \$28,155
		George Porter Middle School, San Fernando Valley, to study natural and human impacts on seashore environments \$9,950
		Los Angeles Conservation Corps for the "Eels on Wheels" mobile marine van \$23,200
		Boys and Girls Clubs of Garden Grove for the "Marine Corps" program \$10,000
		Solana Recyclers, Encinitas for the Student Environmental Action and Leadership Program \$31,455

Fiscal Year	Targeted Grants	Competitive Grants
2001/2002		Calif. Dept. of Fish and Game for an early childhood education component of the
(continued)		Project WILD Aquatic curriculum \$9,000
2002/2003 \$509,000 Total	Foundation of CA State University Monterey Bay for S.E.A. Lab, Monterey Bay \$60,000 Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$85,500	Aquatic Adventures, San Diego, for the S.E.A. Series Program \$14,800 I Love A Clean San Diego for the Adopt-A-Beach Program in San Diego Co. \$20,000 Urbita Elementary School, San Bernardino, for studying the Santa Ana River, oceans, and watersheds \$8,965
Funds avail. for targeted grants: \$229,000	Heal the Bay Adopt-A-Beach Program \$30,000 River of Words Coastal Art & Poetry Contest \$17,000	Children's Nature Institute for The Malibu Lagoon Discovery Project for Los Angeles County children and families \$9,550 Elizabeth Learning Center, Cudahy, Los Angeles Co., for educational and service-oriented coastal field trips \$8,000
Funds avail. for competitive	California Environmental Education Interagency Network for the Environmentality Project \$4,000	Mountains Restoration Trust for a watershed education program at Cold Creek Canyon Preserve in the Santa Monica Mountains \$8,410 Ralph J. Bunche Elementary School near Compton for a tide pool education
grants: \$280,000	Beach Wheelchair Purchases \$9,000	program \$7,850 Western National Parks Association for San Fernando Valley students to conduct
Requests received:	"Save Our Seas" curriculum \$23,500	lagoon and creekside habitat restoration in the Santa Monica Mountains \$17,100 Ontiveros Elementary School, Santa Maria, to study "Island of the Blue Dolphins" as a springboard for learning about the ocean and its importance \$6,180
180 totaling		Peoples' Self-Help Housing Corporation for coastal field trips for youth living in permanent rental housing developments \$10,000
\$3,354,777		Santa Barbara Audubon Society for the Snowy Plover Docent Program \$20,000
		Exploring New Horizons Outdoor Schools , Santa Cruz Co. for "Mysteries of the Sea" \$5,340
		Save Our Shores for the Seal Lion Steward Marine Education Program at Moss Landing \$9,850

Fiscal Year	Targeted Grants	Competitive Grants
2002/2003		Watsonville Wetlands Watch for a wetlands stewardship program for Pajaro Valley students \$12,745
(continued)		Stonehurst Elementary School, East Oakland, for a school-wide ocean-immersion program \$40,000
		Hostelling International for overnight marine science programs at coastal hostels in northern and southern California \$24,000
		Point Reyes Bird Observatory Conservation Science for a seabird awareness program \$9,975
		Occidental Arts and Ecology Center, Sonoma Co., for the "Basins of Relations" program to train leaders to watershed groups in their own communities \$25,000
		Foothill Horizons Outdoor School , Sonora, for an interactive Tuolumne River watershed map \$1,365
		Chico Creek Nature Center for a "Jammin' Salmon" nature camp theme \$870
		Ecological Preservation and Restoration Education Program (Eco-PREP) for an enrichment program for at-risk teens at Humboldt community schools \$20,000

Fiscal Year	Targeted Grants	Competitive Grants
2003/2004	Foundation of California State University	San Diego BayKeeper for the Project SWELL water education curriculum \$35,000
\$740,000	Monterey Bay for Camp SEA Lab \$60,000	Sherman Heights Community Center, San Diego, for the Viva Ciencia
Total	Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$84,700	Environmental Education and Beach Conservation Program \$9,900
Funds avail.	Heal the Bay Adopt-A-Beach Program \$30,000	Ocean Institute, Dana Point, for a watershed education program for Orange Co. students living 5-20 miles from the coast \$10,000
for targeted	Keep California Beautiful for Marine Debris	Sierra Club Foundation for Inner City Outings for Santa Ana teens \$2,080
grants: \$330,500	Education Campaign \$48,000	Algalita Marine Research Foundation for the "Plastics are Forever" program for
,	Tides Center for School-Based Marine	Environmental Charter High School students in Lawndale, Los Angeles Co. \$18,647
Funds avail.	Education Program \$88,400	California State Parks Foundation for the field studies component of the "Coast Alive!" curriculum for southern California students \$25,000
competitive	Beach Wheelchair Purchases \$9,300	Center for Environmental Education at Antioch University for the Peer Partners
grants:	Coastal Watershed Council for coordinating	program among high school and elementary students in Los Angeles \$15,125
\$409,500	Snapshot Day statewide \$10,100	Concerned Resource and Environmental Workers (The CREW), Ojai, for
Requests	Tides Center for the Community-Based Restoration and Education Program \$20,000	employing rural teens and young adults to restore steelhead trout habitat \$35,000
received:	Restoration and Education Frogram \$20,000	Santa Barbara Audubon Society for the Snowy Plover Docent Program \$10,000
168		Roosevelt School, Salinas, for native plant restoration and watershed education
totaling \$3,562,008		\$6,627
ψο,σσ2,σσσ		Ecological Farming Association for the Farms and Fishes Bus Tour on the Central Coast \$3,867
		Sustainable Fishery Advocates for a seafood sustainability education campaign
		in the San Francisco Bay Area \$10,000
		Watsonville Wetlands Watch for a wetlands stewardship program for Pajaro Valley students \$9,380

Fiscal Year	Targeted Grants	Competitive Grants
2003/2004 (continued)		Coyote Point Museum for Environmental Education, San Mateo, for the "Sounds of the Sea" traveling exhibit and a coastal discovery room \$25,000
		Golden Gate Audubon Society for the Inner-City Marine Ecology Project for Families in East Oakland \$10,000
		Lawrence Hall of Science, Berkeley, for a program on marine invasive species \$39,350
		Aquatic Outreach Institute, Richmond, for the Bayshore Stewardship Program \$9,884
		Marin Conservation Corps for "Youth Service for Our Oceans" \$10,000
		Point Reyes National Seashore Association for a snowy plover docent program \$10,000
		YMCA Point Bonita for the Kids-to-Coast Project \$10,000
		Circuit Rider Productions, Sonoma County, for the Youth Education and Restoration Project \$35,000
		Arena Union Elementary School District for "Clean Waves, Clean South Mendocino Beaches" \$10,000
		Redwood Community Action Agency for water quality monitoring and education \$26,740
		California State Parks, Mendocino District for a teacher's guide to the ecology of Mendocino tidepools \$12,900

2004/2005 \$789,000 Total Funds avail. for targeted grants: \$306,500 Funds avail. for competitive grants: \$482,500 Requests received: 157 totaling	Foundation of CA State University Monterey Bay for Camp SEA Lab \$60,000 Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$88,500 Heal the Bay Adopt-A-Beach Program \$30,000 I Love A Clean San Diego Adopt-A-Beach Program \$27,000 Tides Center for School-Based Marine Education Program \$81,700 Beach Wheelchair Purchases \$9,300 California Environmental Education Interagency Network for the Environmentality Project \$4,000 Watts Garden Club for coastal road trips \$6,000	bilingual education at Point Dume, Malibu \$9,999 STAR, Inc. for the Watershed and Marine Education Outreach Program in Los Angeles \$29,709 Channel Islands Harbor Foundation for improvements to the marine science laboratory aboard the Tall Ship SSV Tole Mour \$10,448 Santa Barbara Museum of Natural History for education programs at the Ty Warner Sea Center at Stearns Wharf \$10,000 UC Cooperative Extension, Santa Barbara County for developing the Los
157		• •
		\$10,845 Sierra Middle School, Bakersfield to study marine life and raise awareness about ocean protection \$4,600 Defenders of Wildlife for a sea otter protection program on the Central Coast \$10,000 Moss Landing Marine Laboratories for the Seal Lion Steward Marine Education Program \$9,992 Return of the Natives for habitat restoration at Carmel River Lagoon \$35,000
		Santa Cruz County Resource Conservation District for developing the Watershed Cruzin' activity guide for grades 4-12 \$35,000

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Attachment B - 2010 CCC Public Education Program Report

Fiscal Year	Targeted Grants	Competitive Grants	
2004/2005		Pescadero Elementary and Middle Schools for adopting nearby Pe	escadero
(continued)		Marsh	\$7,000
(**************************************		California State Parks Foundation/Bay Youth for the Environment for con	mmunity
		wetland restoration at Candlestick Point	\$10,000
		San Joaquin Outdoor School to support equipment purchases for coastal and	d marsh
		studies in San Mateo County	\$9,998
		Golden Gate Audubon Society for the Eco-Oakland Environmental Education F	Program
		for students and families in East Oakland	\$10,000
		KIDS for the BAY for the Coastal Watershed Action Program for 40 classes in A	Alameda
		and Contra Costa counties	\$40,000
		Save the Bay for watershed education, canoe trips, and wetland restoration for	r middle
		and high school students	\$10,000
		Oikonos – Ecosystem Knowledge for the Adopt-A-Seabird program	\$7,000
		Environmental Education Council of Marin for teen reporters to produce news	s stories
		on current issues in coastal ecology	\$20,000
		·	\$25,000
		The Marine Mammal Center for the career-oriented Marine Science Discovery F	Program
			\$10,000
		Friends of the Dunes for the "Share the Beach" Campaign to protect the thr	eatened
		Western Snowy Plover at Humboldt County beaches	\$9,949
		Algalita Marine Research Foundation for creating and distributing a video/DV	'D about
			\$11,580
		Wyland Foundation for building an educational, interactive maze about water p	pollution
		for the Ocean Challenge 2005 Tour	\$20,000

Fiscal Year	Targeted Grants	Competitive Grants
2005/2006 \$778,000 Total	Foundation of CA State University Monterey Bay for Camp SEA Lab \$60,000 Adopt-A-Beach School Assembly Program	Aquatic Adventures, San Diego, for the S.E.A. Series Program Birch Aquarium, San Diego, for second-graders and their teachers to learn about and visit sandy beach ecosystems \$9,500
Funds avail. for targeted grants:	and Kids' Cleanup Program \$88,500 Heal the Bay Adopt-A-Beach Program \$30,000	Lakeside's River Park Conservancy for a community project cleaning up the SanDiego River both inland and at its mouth at Ocean Beach\$8,895San Diego Coastkeeper for the Project SWELL water education curriculum\$13,500
\$393,000 Funds avail.	I Love A Clean San Diego Adopt-A-Beach Program \$25,000	Sierra Club Foundation for Inner City Outings for Garden Grove teens \$6,530 Algalita Marine Research Foundation for the "Plastics are Forever" program for Environmental Charter High School students in Lawndale, Los Angeles Co \$26,060
for competitive grants:	Tides Center for School-Based Marine Education Program \$80,000 Tides Center for Community-Based	Animo Leadership High School for students to conduct bilingual community outreach about safe seafood consumption in Lennox, Hawthorne and Inglewood \$9,990
\$385,000	Wetland Restoration and Education \$79,800	Bell Gardens High School for students to visit and report on Newport Back Bay and make presentations to elementary students \$3,425
Requests received: 120 totaling	Watsonville Wetlands Watch for the	Downtown Magnets High School, Los Angeles, for a Los Angeles watershed analysis project \$6,703 Santa Monica Baykeeper to train citizens on enforcing the Clean Water Act \$25,000
\$2,564,843	Wetlands Education Resource Center \$20,000	Wishtoyo Foundation in Ventura County for the Ormond Beach Wetlands Restoration and Education Project \$9,800
		Santa Barbara Channelkeeper for inland middle school students to grow eelgrass in the classroom to be used in a restoration program \$9,900
		Pacific Cetacean Group for students in San Benito, Monterey, and San Cruz counties to learn about whale and dolphin communication and imitate their callings through percussion \$6,700

Return of the Natives for habitat restoration and debris removal in creeks in the City of Salinas \$40,535
Coyote Point Museum for Environmental Education, San Mateo, for stewardship programs and bilingual hikes at Shoreline Parks \$26,000
Farallones Marine Sanctuary Association, San Francisco for the Sanctuary Explorers Camp \$9,230 SF Unified School District's Environmental Science Center for the "Conservation Connection" project \$17,540 Youth Employment Partnership, Inc. for coastal, marine, and waterway education and cleanups within the Team Oakland Environmental Education Program \$13,550 YMCA Point Bonita for the Kids-to-Coast Project \$10,000
Yolo County Office of Education "From Creek to Sea" focusing on the local creek, the Bay/Delta, the ocean, and migrating salmon \$9,987 CoastWalk, Sonoma County, for linking the CoasTrek hiking and leadership training program for teens with the Adopt-A-Beach program \$17,340 Ocean Discovery!, Sonoma County, for a northern California student symposium on the health of our oceans \$25,315 Rural California Broadcasting Corp. for preparing a television documentary on saving the Marin and Sonoma coasts for open space and agriculture \$7,500 California State Parks, Mendocino District for equipment to allow visitors live video viewing of MacKerricher Underwater Park \$22,000 Manila Community Services District for an native coastal dune plant interpretive garden on the Samoa Peninsula in Humboldt County \$10,000 Mattole Restoration Council in rural Humboldt County for a hands-on

Fiscal Year	Targeted Grants	Competitive Grants
2006/2007 \$708,000 Total	Foundation of CA State University Monterey Bay for Camp SEA Lab \$60,000 Adopt-A-Beach School Assembly Program and Kids' Cleanup	Batiquitos Lagoon Foundation for a day at the coast for desert kids Pro Peninsula for an educational program about the endangered green sea turtles of South San Diego Bay WILDCOAST for the "Defiende el Mar" ("Defend the Sea") campaign \$11,200
Funds avail. for targeted grants:	Program \$107,740 Heal the Bay Adopt-A-Beach Program \$30,000	Ocean Institute for the LegaSea Project providing marine education to senior citizens in southern California \$9,700 Orange County Coastkeeper for the WHALES Program for high school students in
\$245,240 Funds avail.	Tides Center for School-Based Marine Education Program \$35,500	Riverside and inland Orange Counties \$14,500 Aquarium of the Pacific for a short film about scientific and conservation issues associated with beaches and waves \$15,000
for competitive grants:	San Francisco Ocean Film Festival for the 2007 Film Festival \$10,000 California Environmental Education	Bell Gardens High School for students to study and report on Newport Back Bay and make presentations to elementary students \$9,990
\$462,760 Requests	Interagency Network for the Environmentality Project \$2,000	Children's Nature Institute for the Coastal Discovery Project for Los Angeles County children and families \$8,824 Los Serenos de Point Vicente for the Whale of a World program for students from underserved schools in Los Angeles County \$9,940
received: 122 totaling \$2,753,272		La Conchita Community Organization for a community beach project \$5,177 Art From Scrap, Santa Barbara, for the "Flows to the Ocean" project \$8,450 Cleveland Elementary School, Santa Barbara, for stream studies by the Channel
		Island Explorers Club \$3,200 Santa Barbara Museum of Natural History for the Channel WATCH program for students from Santa Barbara and Ventura counties \$9,950
		Aquarius Aquarium Institute, Fresno, for the "Ocean Connection" program for students living near the San Joaquin River in Fresno and Madera counties \$11,654 California Institute for Biodiversity for the Coast Alive! Monterey Bay Institute
		for high school teachers \$10,000 Monterey Bay Aquarium Foundation for the "WATCH" habitat conservation program for Watsonville area teens \$25,000

Fiscal Year	Targeted Grants	Competitive Grants
2006/2007 (continued)		Save Our Shores for improving the Adopt-A-Beach program in Santa Cruz County \$12,000
		Watsonville Charter School of the Arts for an outdoor watershed science lab
		\$21,160
		Gilroy High School for an ocean stewardship research and film festival project
		\$14,071
		City of Oakland, Office of Parks and Recreation for the Sailing into Science
		Program at Lake Merritt \$9,900
		Save the Bay of Oakland for the "Keep it Clean!" pollution prevention outreach
		campaign \$27,000
		The Watershed Project of Richmond for the Kids in Marshes program
		\$36,652
		Richardson Bay Audubon Center in Tiburon for the Bay Science and Stewardship
		Program for underserved Marin County youth \$10,825
		Salmon Creek Middle School in Occidental for a stormwater management study
		and implementation project for the school campus \$36,374 Mendocino Land Trust for abalone diver outreach and education \$9,999
		Friends of the Dunes for improving different school education programs
		\$9,940
		Karuk Tribe of California for the "Journey to the Sea" salmon education program \$9,997
		Etna Union Elementary School District, Siskiyou County, for the "Crest to Coast"
		marine education and habitat restoration project \$9,950
		Tolowa Dunes Stewards for restoration, education, and monitoring projects in the
		area of Tolowa Dunes State Park, Lake Earl, and Point George \$48,850
		Algalita Marine Research Foundation for translating educational materials about
		plastic marine debris into Spanish \$12,217
		Rio Films for producing a documentary entitled "Channel Islands—A California
		Adventure" \$15,000

Fiscal Voar	Targeted Grants	Competitive Grants
Fiscal Year 2007/2008 \$711,000 Total Funds avail. for targeted grants: \$346,810 Funds avail. for	Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000 Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$98,500 Heal the Bay Adopt-A-Beach Program \$30,000 I Love A Clean San Diego Adopt-A-Beach Program \$22,500 Tides Center for School-Based Marine	ECO-LIFE Foundation, San Diego, for the Stream Team Stewards Project \$31,390 Pacific Marine Mammal Center, Laguna Beach, for the Pinniped Pollution Project \$9,975 Aquarium of the Pacific for an educational partnership with Cesar Chavez Elementary School in Long Beach \$30,000 Compton Unified School District for Centennial High School students to start an ocean club and conduct marine science research on Catalina Island \$9,961 Friends of Colorado Lagoon, Long Beach, for educational programs and service events for students and the general public \$14,000 Malibu Foundation for Environmental Education for distributing an instructional
competitive grants: \$364,190 Requests received: 104 totaling	Education Program \$56,000 Tides Center for Community-Based Wetland Restoration and Education \$72,000 Equests ceived: Crystal Cove Alliance for Beach Wheelchair Purchases \$4,810	DVD about marine debris \$25,000 Natural History Museum of Los Angeles County for renovating its Marine Hall \$10,000 Oceanographic Teaching Stations, Manhattan Beach, for marine science education field trips at the Roundhouse Aquarium \$8,000 UC Cooperative Extension, Santa Barbara County, for statewide teacher trainings on the Aqua Pura salmon curriculum \$28,350
\$2,328,012	San Francisco Ocean Film Festival for the 2008 Film Festival \$1,000 California Environmental Education Interagency Network for the Environmentality Project \$2,000	Cal Poly San Luis Obispo for an evaluation of residential environmental education programs focusing on California's coast and ocean \$9,993 Return of the Natives for habitat restoration at Fort Ord Dunes State Park in Monterey County \$25,559 Save Our Shores for the Adopt-A-Beach program in Santa Cruz County \$15,000 Seymour Marine Discovery Center at Long Marine Laboratory for a coastal watershed education program for Santa Cruz students \$24,074 San Mateo County Resource Conservation District for workshops about the San Vicente Creek watershed \$10,614 Marshall Elementary School PTA, San Francisco, for "Que Viva el Mar!" \$9,999

Fiscal Year	Targeted Grants	Competitive Grants
2007/2008		SF Unified School District's Environmental Science Center for the "Conservation
(continued)		Connection" project \$16,087
(00000000000000000000000000000000000000		Golden Gate Audubon Society for the Eco-Oakland Environmental Education
		Program \$9,999
		EarthTeam Environmental Network for the Aqua Team program for Richmond
		teens \$22,144
		Fort Ross Elementary School District, Sonoma County, for new marine education
		programs \$9,510
		PRBO Conservation Science, Petaluma, for printing a pocket guide to coastal birds
		of California \$10,000
		City of Arcata Environmental Services Dept. for a youth project creating murals
		illustrating the importance of preventing storm drain pollution \$9,975
		Humboldt State University for education in the community of Trinidad about the
		California Coastal National Monument \$11,560
		American Cetacean Society for an international conference in Monterey about
		whales \$13,000

Fiscal Year	Targeted Grants	Competitive Grants
\$7/2 000	Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000	Chula Vista Elementary School District for science education at the Chula Vista Nature Center \$22,454
Total		San Diego Canyonlands for the Coastal Canyon Education and Restoration Project \$8,350
Funds avail. for targeted	Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$86,900	Boys & Girls Clubs of Tustin for the SeaTech program \$26,700
grants: \$312,000	Heal the Bay Adopt-A-Beach Program \$30,000	California State University, Fullerton for an ocean science program for the Anaheim Union High School District \$41,500
Funds avail.	I Love A Clean San Diego Adopt-A-Beach Program \$26,100	Newport Bay Naturalists and Friends for full-day field trips at Upper Newport Bay for underserved high school students \$9,900
for competitive	Tides Center for School-Based Marine	Laguna Ocean Foundation for tidepool education for the public at Heisler Park Marine Reserve \$8,350
grants: \$431,000	Education Program \$62,000 Tides Center for Community-Based	Orange County Coastkeeper for a new eelgrass laboratory at the Back Bay Science Center in Newport Beach \$15,120
Requests received:	Wetland Restoration and Education \$45,000	Pacific Marine Mammal Center, Laguna Beach, for the Pinniped Pollution Project \$9,975
158 totaling \$3,589,045	58 totaling California Environmental Education	Algalita Marine Research Foundation of Long Beach for a new website mapping marine debris in the Pacific Ocean \$8,350
		Camino Nuevo Charter Academy, in the Westlake neighborhood of Los Angeles, for seventh-grade students to visit and research Santa Catalina Island \$5,000
		El Dorado Nature Center for the Adopt-A-Wetland program at Golden Shore Marine Reserve in Long Beach \$5,000
		Surfrider Foundation, West Los Angeles/Malibu Chapter for a water quality testing laboratory and program at Santa Monica High School \$39,135
		Central Coast Natural History Association for a middle school marine science program at San Luis Obispo County state parks \$9,918 Monterey Bay Aquarium Foundation for training teachers in Watsonville on integrating ocean conservation and science education into their curriculum \$35,000

Fiscal Year	Targeted Grants	Competitive Grants
2008/2009 (continued)	<u> </u>	Pacifica Beach Coalition for involving children at Pacifica's after-school programs in the Adopt-A-Beach Program \$23,000
		San Mateo County Resource Conservation District for workshops about the San Vicente Creek watershed \$9,999
		KIDS for the BAY for the Watershed Action Program for eight elementary school classes in Oakland \$27,000
		Golden Gate Audubon Society for the Eco-Richmond Environmental Education Program for students and families in north Richmond \$7,500
		The Watershed Project in Richmond for community restoration and monitoring of native oyster beds in San Francisco Bay \$25,000
		Robla Elementary School District, Sacramento, for sixth grade students at Glenwood Elementary to attend the Headlands Institute in Marin County \$9,363
		Point Reyes National Seashore Association for the Urban Youth Marine Science Education Program \$16,000
		Stewards of the Coast and Redwoods for strengthening the volunteer tidepool docent program at Sonoma state beaches \$8,208
		Sequoia Park Zoo Foundation for a new exhibit at the Sequoia Park Zoo in Eureka about urban impacts on salmon \$17,958
		Wiyot Tribe for a marine education program for young tribal members at the Table Bluff Reservation in Humboldt County \$8,432
		Del Norte County Unified School District for the Redwood Coast Curriculum Project for students in grades 4-6 \$9,998
		Keep California Beautiful for beach litter reduction outreach in the Monterey and Long Beach areas \$9,840
		National Marine Sanctuary Foundation for creating a Spanish-language website for the "Thank You Ocean" Campaign \$15,000

Fiscal Year	Targeted Grants	Compatitive Grants
2009/2010 \$704,000 Total	Foundation of California State University Monterey Bay for Camp SEA Lab up to \$60,000	Arcata Community Recycling Center for marine debris education and an art installation about the North Pacific Gyre \$9,799 California Community Forests Foundation for a curriculum about coniferous
Funds avail. for targeted grants:	Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$86,900 Heal the Bay Adopt-A-Beach Program \$30,000	forests and streams and their connections to the coast \$9,950 California State Parks, Monterey District for the Point Lobos Summer Adventures Program \$9,999 Channel Islands Restoration for habitat restoration by Ventura County students on Anacapa and Santa Cruz Islands \$15,000
\$332,000 Funds avail.	I Love A Clean San Diego Adopt-A-Beach Program \$26,000	Environmental Traveling Companions for a sea kayaking youth leadership program on San Francisco and Tomales Bays \$24,000
for competitive	Tides Center for School-Based Marine Education Program \$70,500	Franklin Elementary School for ocean education and a student overnight at the Monterey Bay Aquarium \$4,400
grants: \$372,000	Tides Center for Community-Based Wetland Restoration and Education \$48,800	Jeanne Meadows Elementary School for ocean education and a student overnight at the Monterey Bay Aquarium \$7,200
Requests received: 125 totaling	San Francisco Ocean Film Festival for the 2010 Festival \$1,000	Ocean Discovery Institute, San Diego, for the Ocean Leaders Initiative \$25,000 Oikonos Ecosystem Knowledge for integrating marine science content into curriculum at middle and high schools \$25,030
\$2,688,936	Earth Alert for the "Heroes of the Coast" Project \$8,800	O'Neill Sea Odyssey for marine debris and stormwater education for students in San Jose \$20,808
		Point Reyes National Seashore Association for full-immersion, residential marine science education programs \$40,000
		San Francisco State University for Romberg Tiburon Center's Sea Lion Bowl Diversity Initiative \$25,000
		Save the Whales for students in Monterey and San Cruz counties to learn about whale and dolphin communication and imitate their callings through percussion \$9,997
	port P. 2010 CCC Dublic Education Dragram Deport	Scott Valley Unified School District, Siskiyou County, for the "Klamath Connection" marine education and habitat restoration project \$9,800

Fiscal Year	Targeted Grants	Competitive Grants
2009/2010 (continued)		Tuolumne River Preservation Trust for adding a coastal component to the "Trekking the Tuolumne" river education program for Central Valley students \$20,000
		UC Berkeley, Lawrence Hall of Science for adding educational field trips to the marine science program at Oakland's Ocean Sciences Academy \$26,605
		Clean Water Fund for zero-waste and marine debris prevention education targeting businesses in the San Francisco Bay Area \$9,999
		Fresno Chaffee Zoo for adding an ocean stewardship component to the Stingray Bay exhibition \$9,999
		Jacoby Creek Land Trust for a public workshop series featuring education on good land management practices when living upstream from Humboldt Bay \$9,914
		Los Cerritos Wetlands Authority for the Los Cerritos Wetlands Stewardship Program in Long Beach \$18,000
		Santa Barbara Museum of Natural History for a marine life exhibit with a "Superpowers" theme at the Ty Warner Sea Center \$9,500
		Watershed Discovery Foundation for converting a bus into a "Watershed On Wheels" program in San Mateo County \$20,000
		Trails4All for recruiting new public agencies to host Coastal Cleanup Day events in the Santa Ana watershed of San Bernardino and Riverside counties \$12,000

Fiscal Year	Targeted Grants	Competitive Grants
2010/2011 \$586,500 Total	Foundation of California State University Monterey Bay for Camp SEA Lab \$50,000	To be approved by Commissioners in February 2011.
Funds avail.	Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$86,900	
for targeted grants:	Heal the Bay Adopt-A-Beach Program \$30,000	
\$330,500 Funds avail.	I Love A Clean San Diego Adopt-A-Beach Program \$21,000	
in temporary reserve:	Tides Center for School-Based Marine Education Program \$70,400	
\$30,000 Funds avail. for competitive grants: \$226,000	Tides Center for Community-Based Wetland Restoration and Education \$68,500	
	Crystal Cove Alliance for Beach Wheelchair Purchase \$3,700	
Requests received: 122 totaling \$2,578,682		